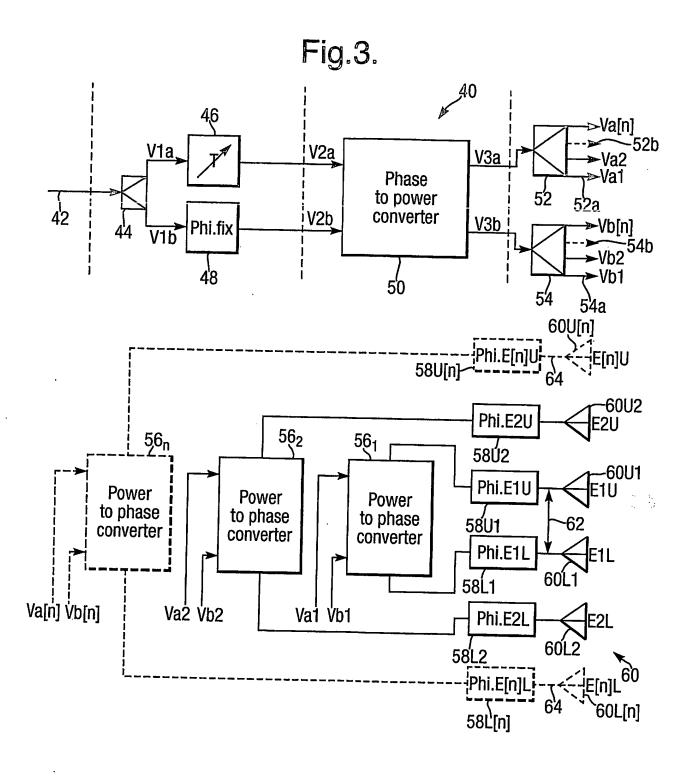
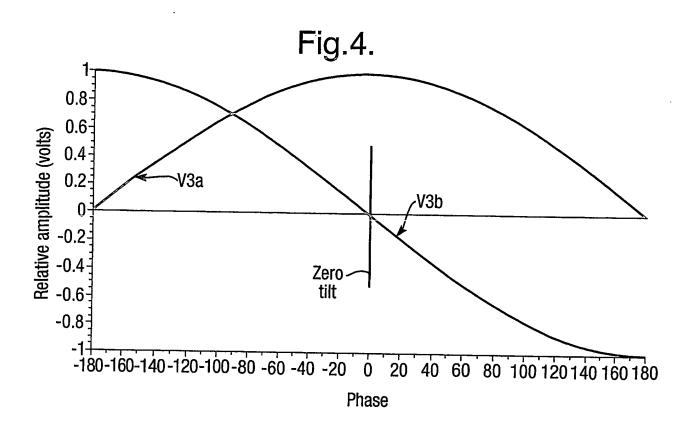
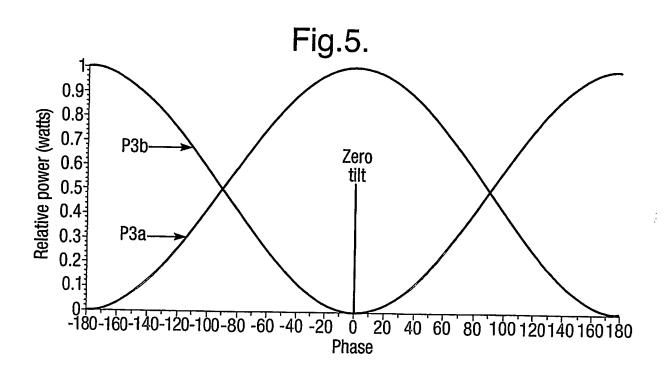


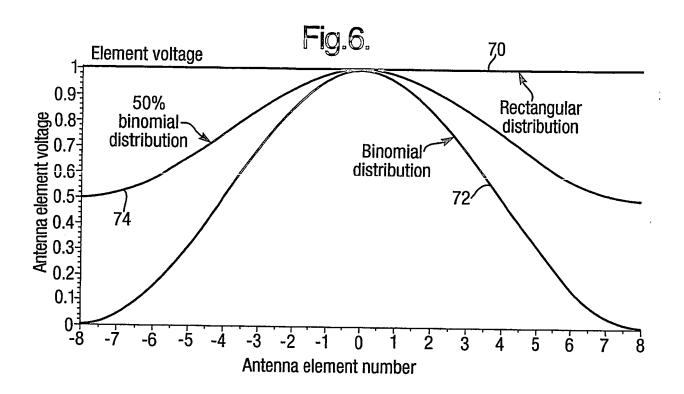
Fig.2. (Prior art) Phi.E[n]U E[n]U 36-30-Phi.E2U E2U S Phi.E1U E1U S Power distribution network Phi.E0 E0 S Phi.E1L E1L 34 S Phi:E2L E2L 36--32 RF Input Tilt adjustment

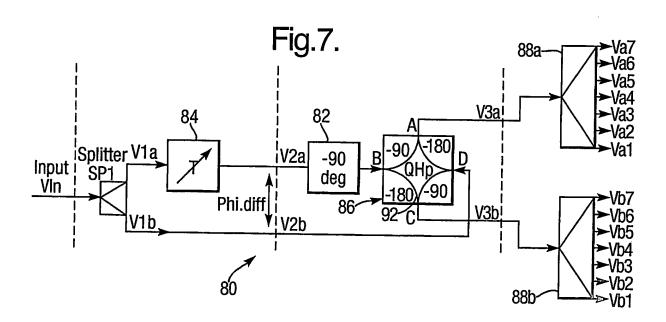


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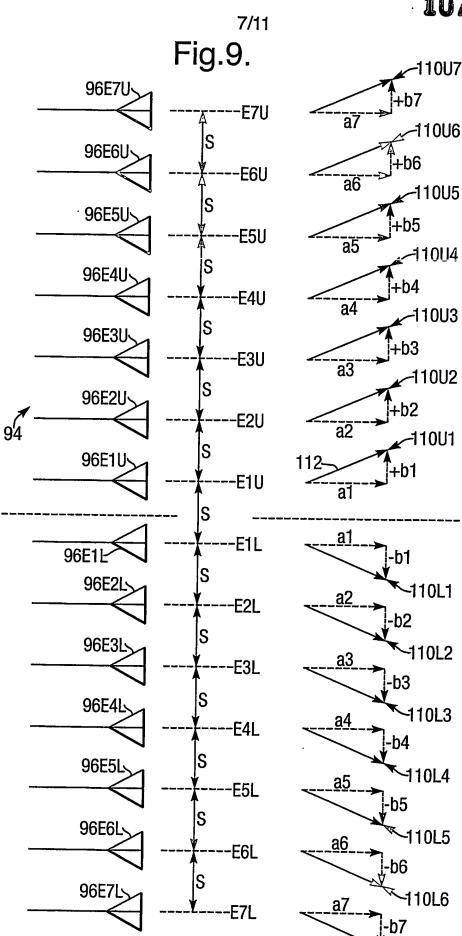




10/551798 6/11 Fig.8. 98L7 100C7 -94 98_U7 -180 96 E7L -90 96 E7U Phi.E7L Phi.E7U deg -90 QH7 Va7⊲ ™Vb7 9907 98L6 10QC6 98JU6 -180 -90 96E6L 96 Phi.E6L Phi.E6U deg E6U QH7 Va6 Vb6 9906 98L5 100C5 98U5 -180 96E5L B -90 196 E5U Phi.E5L Phi.E5U deg 1QH7 -90 -180 ≻Vb5 Va5 99Ú5 98L4 100C4 98U4 180 -90 96E4L Phi.E4L 96 E4U Phi.E4U deg |QH7 ≻Vb4 Va4 9944 98L3 100C3 98U3 -180 96E3L 96 E3U -90 Phi.E3L Phi.E3U deg QH7 Va3 ≻Vb3¹ 9903 98L2 100C2 98JU2 -180 -90 96E2L 96 E2U Phi.E2L Phi.E2U deg 1QH7 -90 Va2-≻Vb2' 9902 98L1 100C1 98,01 (-180_D 96E1L Phi.E1L -90 96 E1U Phi.E1U deg QH7 Va1≺ 9911

-110L7

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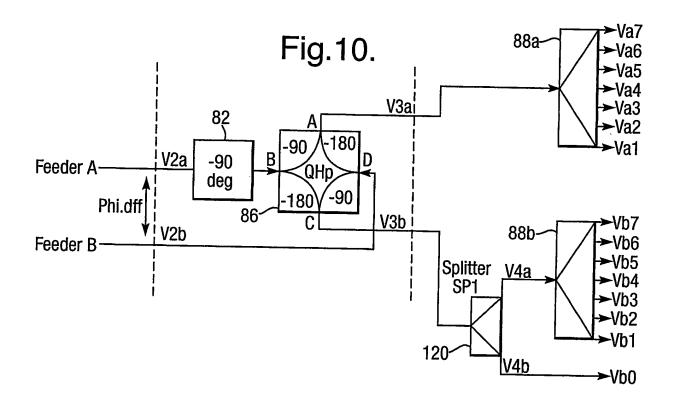


Fig.11. -E7U -E6U E5U a5 -E4U <u>ā4</u> -E3U <u>a3</u> 94 -E2U <u>a2</u> --E1U 124 S/2 b0 (126 -180 Degree ---E0 122 S/2 -E1L -E2L -E3L -E4L -E5L -E6L i-b6 -E7L -b7

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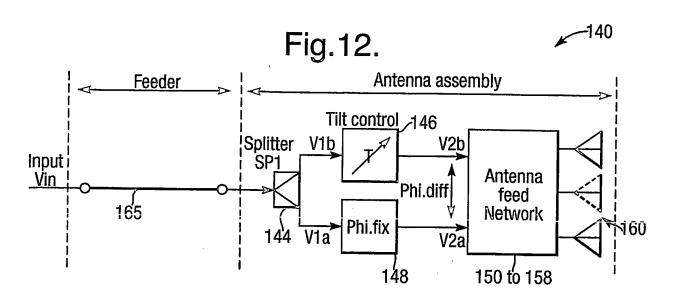


Fig.13.

